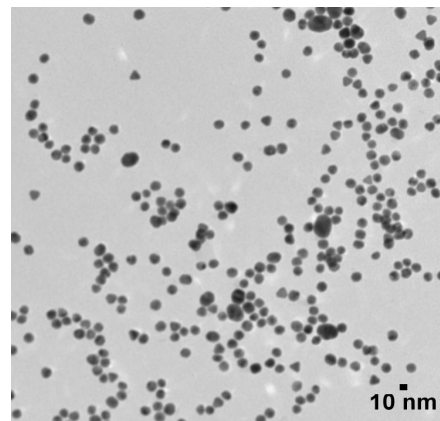
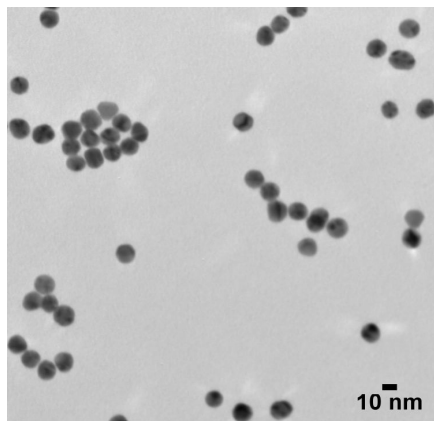
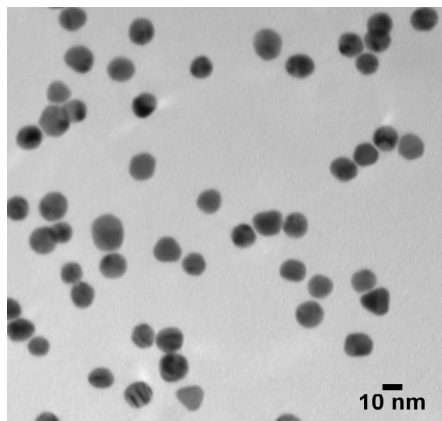


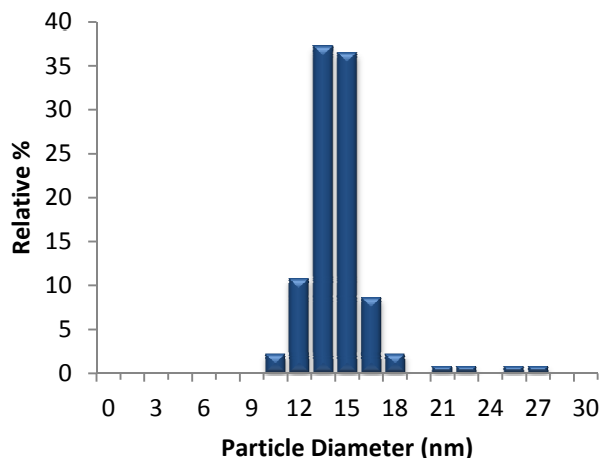
12 nm PVP BioPure™ Gold

Lot Number: DAG1515

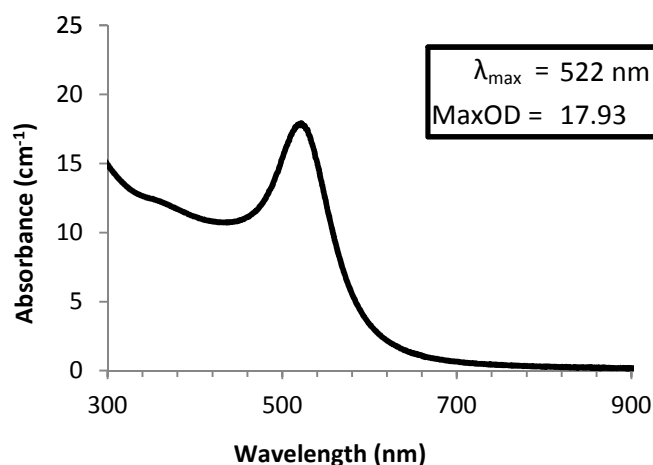
Diameter (TEM):	13.8 nm	Hydrodynamic Diameter:	16.7 nm
First Standard Deviation:	2.1 nm	Zeta Potential:	-23.1 mV
Coefficient of Variation:	15.3 %	pH of Solution:	5.7
Mass Concentration (Au)	1.08 mg/mL	Particle Surface	PVP
Particle Concentration	4.1E+13 particles/mL	Solvent:	Milli-Q Water



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:	JEOL 1010 Transmission Electron Microscope
Mass Concentration:	Thermo Fisher X Series 2 ICP-MS
Spectral Properties:	Agilent 8453 UV-Visible Spectrometer
Hydrodynamic Diameter/Zeta Potential:	Malvern Zetasizer Nano ZS.

Storage and Handling: 4 °C away from light. DO NOT FREEZE.